



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

(Autonomous)

ELAYAMPALAYAM, TIRUCHENGODE – 637 205

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



INDIVIDUAL FACUTY PROFILE

I. GENERAL INFORMATION

1. **Name** : K.Soniya lakshmi
2. **Designation** : Assistant Professor
3. **Residential Address** : 1/175 Amman kovil street,
poolavari,salem-636010
- Phone No.** : 7010880383
- E-mail id** : soniyalakshmi@vcew.ac.in
4. **Date of Birth** : 13/10/1992
5. **Community** : MBC
6. **Father / Husband Name** : R.Palanivel
7. **Area of Specialization** : Data Structure
- Date of First Appointment in College Service** : 25/06/2021
9. **Date of Joining** : 25/06/2021

II. ACADEMIC QUALIFICATION

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E.	Computer Science and Engineering	2014	Vivekanandha college of engineering for women	Anna University	75.5	First Class
PG	M.E.	Computer Science and Engineering	2016	Vivekanandha college of engineering for women	Anna University	82.6	First Class
Ph.D.	-	-	-	-	-	-	-

III. TEACHING EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Vivekanandha College of Engineering for Women	Assistant Professor	25-06-2021	Till Date	4	4	07
Total				4	4	07

IV. INDUSTRIAL EXPERIENCE

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
Total					-	-	-

V. RESEARCH EXPERIENCE

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
Total					-	-	-

VI. NO.OF PAPERS PRESENTED AND PARTICIPATED CONFERENCE / SEMINAR / WORKSHOP:

S.No	Title	Event	Organizer	Date
1	Empowering Educators - Exploring Quantum Computing and AI Frontiers	FDP	Knowledge Institute of Technology	15/09/2025 to 20/09/2025.
2	Navigate Labs	FDP	Vivekanandha College of Engineering for Women	23.08.2025
3	Advance AI Applications in Research Papers Writing	FDP	Vivekanandha College of Engineering for Women	28.06.2025
4	Cucumber leaf disease detection and diagnosis at 5 th International conference on innovations in ICIEICE'25	Conference	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	28.03.2025 to 29.03.2025
5	Revolutionizing Agriculture through AI Models, Practices and Interventions	FDP	M.KUMARASAMY COLLEGE OF ENGINEERING	06.01.2025 to 11.01.2025.
6	Quantum Neuromorphic Computing for Viable and Sustainable Generative AI	FDP	M.KUMARASAMY COLLEGE OF ENGINEERING	02.12.2024 to 07.12.2024.
7	Microsoft Azure AI Engineer Associate	FDP	ICT Academy	22.07.2024 to 26.07.2024
8	Effective Research Paper Writing Strategies and High Impact Journal Publication Techniques	FDP	Kongu Engineering College, Erode	22.04.2024 To 26.04.2024

9	7 days National Level FDP on "PYTHON"	FDP	SIFRE	19.03.2024 to 25.03.2024
10	National Intellectual Property Awareness Mission	Training Program	Intellectual Property Office, India	11.03.2024
11	10 Day research workshop on paper writing(series-1)	FDP	VCEW	26.02.2024 to 08.03.2024
12	Python Programming with Django Framework for Building Web Application	National Level FDP	CMR Engineering College, Hyderabad	12.02.2024 to 16.02.2024
13	Digital Teaching techniques	Women Educators Empowerment Program	ICT Academy	02.02.2023 to 17.02.2023
14	Data Science and Visualization Tools	International FDP	Jai Shriram Engineering College, Avinashipalayam	09.01.2023 to 13.01.2023
15	Machine Learning Applications for Autonomous Driving"	FDP	KLE Technological University	24.01.2022 to 28.01.2022
16	Robotic process automation(RPA)	Seminar	Kongu Engineering college, Perundurai	11.04.2022
17	Problem Solving And Python Programming	FDP	M.Kumarasamy College and Engineering, Karur	18.07.2022 to 23.07.2022
18	Recent Tools & Technologies for Data Science and Artificial Intelligence	National FDP	Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh	19.09.2022 to 26.09.2022
19	IoT in Health Care	ATAL Online FDP	Indian Institute of Information Technology, Nagpur	12.12.2021 to 16.12.2021
20	National Intellectual Property Awareness Mission	Training Program	Intellectual Property Office, India	02.05.2022
21	Data Analytics-Creating Value with Data	Webinar	Saintgits College of Applied Science, Kottayam	19.02.2022

VII. PUBLICATIONS

1. JOURNAL

S.No	Title of the Paper	Journal Name	Year of Publication
1	Cucumber leaf disease detection and diagnosis	IJIRT	April 2025
2	Alzheimer's Disease Detection Using Deep Learning	IRJET	October 2024
3	Detection of Cyber Bullying on Social Media Using Machine Learning	IJAEM	April 2023
4	Breast Cancer Predication Using Deep Learning	SAMP&SICEE	April 2023
5	Computerizes Human Order and Dynamic Misrepresentation Investigation on Overlay Video Clipping	IJIRT	May 2022

2. BOOKS

S.No	Author/s	Title	Publisher	Year of publication	Page No.
1.	K.Kalaiselvi, R.Bhuvaneswari, P.Yogashree, B.Ananthi, K.SoniyaLakshmi , Saravanan Pandiaraj	Harmony in health: Machine Learning empowered Phonocardiogram analysis for early cardiovascular disease detection	SCOPUS	07 October 2024	17-33

VIII. CONFERENCE / SEMINAR/ WORKSHOP ORGANIZED

S.No	Organized Event	Title of the Event	Date
1.	Workshop	How to approach case study in python	28.12.2023
2.	Guest Lecture	Role of Algorithm Design Techniques in Engineering Applications	28.01.2023
3.	Workshop	Python and MYSQL	12.04.2022
4.	Workshop	Data Science	09.04.2022

Guest lecture delivered

IX. CONFERENCE / SEMINAR/ WORKSHOP/ PROJECT PROPOSAL APPLIED

CHAIRMAN / MEMBER OF AUTHORITY / COMMITTEE etc.

S.No	Chairman/Member/Secretary	Committee / Authority	Year (From – To)
NIL			


X. MEMBERSHIP TO PROVISIONAL ORGANIZATION / ASSOCIATIONS

IAENG Internal Association of Engineers Membership

XI. AWARDS / RECOGNITIONS :

XII. ANY OTHER

NPTEL online course “Data Mining” on Jan-Mar 2023


Signature of the Faculty